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Cat. No. 12-1625

OWNER'S MANUAL

Please read before using this equipment.

AM/FM Clock Radio

with Digital Display

OPTIMUS®

FEATURES

Your Optimus AM/FM Clock Radio has these special features:

Red Digital Display — makes the clock easy to read, day or night.

Alarm — lets you wake to either the radio or a buzzer.

Sleep Timer — plays the radio for up to 2 hours then automatically turns it off.

Battery Backup — keeps the clock and alarm running for up to 8 hours if power is disconnected or interrupted (even though the display does not light).

Snooze — silences the alarm and sets it to sound again in about 9 minutes, so you can get a few extra minutes of sleep.

AFC (Automatic Frequency Control) — provides drift-free FM reception and reduced sound distortion.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

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PREPARATION

CONNECTING TO AC POWER

Plug the clock radio's power cord into a standard AC outlet. If the back-up battery is dead or not installed, the display flashes **12:00** when the radio is first plugged in or when power is restored after an interruption.

INSTALLING A BACK-UP BATTERY

To keep the clock running during a power failure, install a 9-volt battery (not supplied). For the best performance, we recommend a RadioShack alkaline battery.

To prevent unnecessarily running down the back-up battery, install the battery *after* you plug in the power cord.

The clock display does not light when AC power is off, but the backup battery keeps the clock and alarm setting for up to 8 hours and powers the alarm (buzzer or radio) for up to 10 minutes.

Caution: Use only a fresh battery of the required size and recommended type.

Follow these steps to install the back-up battery.

1. Press in the tab on the battery compartment cover and pull up on the cover to remove it.
2. Snap the battery onto the wire terminals and place it in the compartment.
3. Replace the cover.

When the display flashes, replace the battery and reset the clock. (The display also flashes when power is restored after an interruption and the back-up battery is dead or not installed).

Cautions

- Always remove an old or weak battery. Batteries can leak chemicals that can destroy electronic parts.
- Dispose of an old battery promptly and properly. Do not burn or bury it.

OPERATION

SETTING THE TIME

1. While you hold down **TIME**, repeatedly press **HOUR**. The hour advances by 1 with each press. (Hold down **HOUR** to rapidly advance the hour.)

   Note: An indicator appears on the display's upper left for PM hours.

2. While you hold down **TIME**, repeatedly press **MINUTE**. The minutes advance by 1 with each press. (Hold down **MINUTE** to rapidly advance the minutes.)

PLAYING THE RADIO

1. Rotate **VOLUME** to the left until it stops to turn down the radio's volume.
2. Set **BAND** to **FM** or **AM**.
3. Slide **POWER** to **ON**.
4. Rotate **VOLUME** to a comfortable sound level.
5. Rotate **TUNING** to select the desired station.

Notes:

- For the best AM reception, rotate the clock radio (the AM antenna is built-in).
- For the best FM reception, fully extend the AC power cord (the power cord is the FM antenna).

6. To turn off the radio, slide **POWER** to **OFF**.

USING THE SLEEP TIMER

The sleep timer lets you set the radio to play for up to 2 hours, then automatically turn off. This is useful if you want to let the radio play as you go to sleep.

1. Turn off the radio by sliding **ALARM/ AUTO/OFF/ON** to **OFF**.
2. Follow these guidelines to set the sleep timer to the desired time.

   To play the radio for 1 hour, press **SLEEP** once.

   To play the radio for less than 1 hour:

   a. Hold down **SLEEP**. The display shows **0:59**.

   b. While you hold **SLEEP**, repeatedly press **MINUTE**. The minutes decrease by 1 with each press.

   To play the radio for the maximum of 2 hours:

   a. Hold down **SLEEP**. The display shows **0:59**.

   b. While you hold **SLEEP**, press **HOUR** once. The time increases to 1 hour, 59 minutes.

   To play the radio for between 1 and 2 hours:

   a. Hold down **SLEEP**. The display shows **0:59**.

   b. While you hold **SLEEP**, press **HOUR** once. The time increases to 1 hour, 59 minutes.

   c. While still holding **SLEEP**, repeatedly press **MINUTE**. The minutes decrease by 1 with each press.

3. To have the radio stop playing before the sleep time has elapsed, press **SNOOZE**.

USING THE ALARM

1. Slide **POWER** to **OFF**.
2. While you hold down **ALARM**, repeatedly press **HOUR** to set the hour.
3. While you hold down **ALARM**, repeatedly press **MINUTE** to set the minute.

To see what time the alarm is set to, press **ALARM**.

Once you set the alarm, you must set it to sound with either a buzzer or by having the radio play.

To set the alarm so the buzzer sounds, slide **POWER** to **ALARM**.

To set the alarm so the radio turns on, slide **POWER** to **AUTO**. (Be sure the radio is tuned to the desired station.)

An alarm indicator appears on the display's lower left when the alarm is set to sound.

At the set time, the alarm sounds. It automatically turns off after 2 hours.

To adjust the alarm's volume, rotate **VOLUME**.

To turn off the alarm before it automatically stops, slide **POWER** to **OFF**.

Using SNOOZE

To temporarily silence the buzzer or radio alarm for 9 minutes, press **SNOOZE**. The alarm automatically sounds again after 9 minutes.

You can repeat this indefinitely. To stop snooze, slide **POWER** to **OFF**.

CARE

To enjoy your Optimus AM/FM Clock Radio for a long time:

- Keep the clock radio dry. If it gets wet, wipe it dry immediately.
- Use and store the clock radio only in normal temperature environments.
- Handle the clock radio gently and carefully. Don't drop it.
- Use only a fresh battery of the required size and recommended type.
- Keep the clock radio away from dust and dirt.
- Wipe the clock radio with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the clock radio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your clock radio is not performing as it should, take it to your local RadioShack store for assistance.

THE FCC WANTS YOU TO KNOW

Your clock radio might cause TV or radio interference even when it is operating properly. To determine whether your clock radio is causing the interference, turn it off. If the interference goes away, your clock radio is causing it. Try to eliminate the interference by:

- moving your clock radio away from the receiver
- connecting your clock radio to an outlet that is on a different electrical circuit from the receiver
- contacting your local RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using your clock radio.

SPECIFICATIONS

Bands:

AM . . . . . 530–1710 kHz

FM . . . . . 88–108 MHz

Intermediate Frequency:

AM . . . . . 455 kHz

FM . . . . . 10.7 MHz

Power Output . . . . . 300 mW (Maximum)

Battery Backup . . . . . 9V DC (Cat. No. 23-553)

Speaker . . . . . $2^{1}/_{4}$ Inch (57 mm) Ferrite, Dynamic-Type, 8-Ohm

Power Requirements . . . . . 120V AC, 60 Hz, 6 Watts

Dimensions (HWD) . . . . . $2 \times 7^{11}/_{16} \times 4^{9}/_{16}$ Inches ($51 \times 195 \times 116$ mm)

Weight . . . . . 1 lb 2 oz (510 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W, 100 Throckmorton St., Suite 600, Fort Worth, TX 76102

We Service What We Sell *3/97*

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